

IMO CLASS 7

Sample Paper

Total Questions: 50

Total Marks: 60

Time: 1 hr.

Section – 1 : Integers, Fractions and Decimals, Exponents and Powers, Algebraic Expressions, Simple Linear Equations, Lines and Angles, Comparing Quantities, The Triangle and its Properties, Symmetry, Congruence of Triangles, Rational Numbers, Perimeter and Area, Data Handling, Visualising Solid Shapes, Practical Geometry.

Section – 2 : Higher Order Thinking Questions - Syllabus as per Section – 1.

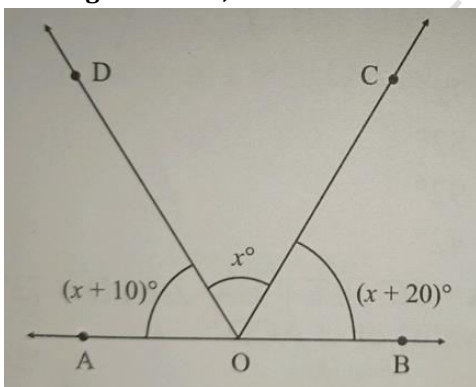
Section – 3 : Verbal and Non-Verbal Reasoning.

PATERN & MARKING SCHEME

Section	Subjective (MCQ)	Hot's	Logical Reasoning
Number of Question	35	5	10
Marks per Question	1	3	1

MATHEMATICS

1. In Figure below, find x . Further find $\angle COD$

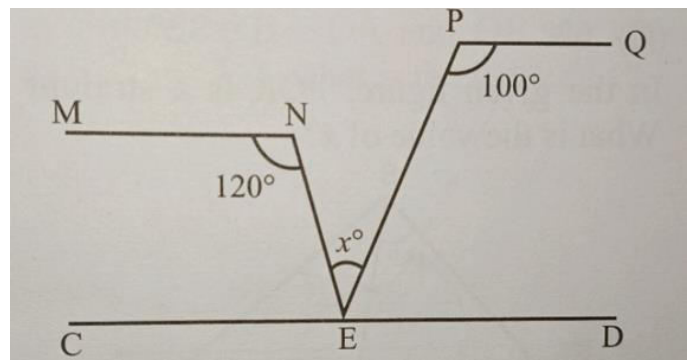


- a) $50^\circ, 30^\circ$ b) $50^\circ, 50^\circ$
 c) $50^\circ, 60^\circ$ d) $50^\circ, 70^\circ$

2. A car covers a distance of 31.8 km in 2.4 litres of petrol. How much distance will it cover in 5 litres of petrol?

- a) 64.25 km b) 66.25 km
 c) 66.75 km d) None of these

4. In the given figure $MN \parallel PQ$, $\angle MNE = 120^\circ$, $\angle EPQ = 100^\circ$. What is the value of x ?



- a) 20° b) 30°
 c) 40° d) 60°

5. What is the median of first 15 odd numbers?

- a) 15 b) 17
 c) 19 d) 21



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ANSWER KEY

- | | | | |
|-------|-------|-------|-------|
| 1. B | 2. B | 3. D | 4. C |
| 5. B | 6. B | 7. B | 8. A |
| 9. A | 10. C | 11. A | 12. A |
| 13. C | | | |

OLYMP QUIZ